AMENDMENTS TO THE CLAIMS

Listing Of Claims

Claims 1-62 (canceled)

- 63. (currently amended) A semiconductor package comprising:
- a semiconductor die comprising a face and a bumped contact;

on the face;

an interconnect on the <u>face</u> <u>die</u> having a first side and an opposing second side;

the interconnect comprising:

- a contact on the first side comprising a conductive layer bonded to the bumped contact;
- a conductive member comprising an opening extending through the conductive layer and the interconnect from the first side to the second side and a conductive material in the opening in contact with the conductive layer; and

an external contact on the second side in electrical communication with the conductive member.

- 64. (currently amended) The package of claim 63 further comprising an underfill layer between the first side of the interconnect and the face of the die.
- 65. (currently amended) The package of claim 63 wherein the conductive member comprises <u>a solder substantially filling the opening.</u>

a metal or a conductive polymer in the opening.

66. (currently amended) The package of claim 63 wherein the contact includes a penetrating member configured to penetrate the bumped contact.

external contact comprises a ball.

Claims 67-89 (canceled)

- 90. (currently amended) A semiconductor package comprising:
- a semiconductor die comprising a plurality of first contacts;
 - an interconnect attached to the die comprising:
- a substrate having a first side, and an opposing second side, and a chip scale outline;
- a plurality of second contacts on the first side bonded to the first contacts on the die;
- a plurality of conductive members in the substrate in electrical communication with the second contacts, each conductive member comprising an opening s with a selected diameter extending through a second contact and through the substrate from the first side to the second side, and a conductive material in the opening s; and
- a plurality of third contacts on the second side in electrical communication with the conductive members.
- 91. (currently amended) The package of claim 90 wherein the selected diameter is from 10 μ m to 2 mils. substrate comprises a semiconductor material.
- 92. (currently amended) The package of claim 90 wherein the substrate comprises a material selected from the group consisting of a ceramic material, or a glass filled resin material and a semiconductor material.
- 93. (previously presented) The package of claim 90 wherein the first contacts comprise bumps and the second contacts comprise recesses and conductive layers on the recesses bonded to the bumps.

- 94. (previously presented) The package of claim 90 wherein the third contacts comprise balls.
- 95. (previously presented) The package of claim 90 further comprising an underfill layer between the die and the interconnect.
- 96. (currently amended) A semiconductor package comprising:

an interconnect comprising a substrate having <u>a chip</u> scale outline, a first side and an opposing second side, a plurality of contacts on the first side, a plurality of conductive members comprising openings <u>through the contacts</u> and through <u>in</u> the substrate <u>extending</u> from the first side to the second side and a conductive material in the openings, and a plurality of external contacts on the second side in electrical communication with the conductive members; and

a semiconductor die having a face attached to the first side in electrical communication with the contacts.

- 97. (currently amended) The package of claim 96 further comprising an underfill layer between the <u>face</u> <u>die</u> and the first side.
- 98. (previously presented) The package of claim 96 wherein the contacts comprise bumps.
- 99. (previously presented) The package of claim 96 wherein the external contacts comprise balls.
- 100. (currently amended) The package of claim 96 wherein the substrate comprises a material selected from the group consisting of a ceramic material, a glass filled resin, and a semiconductor material.

- 101. (currently amended) The package of claim 96 wherein each opening has a selected diameter of from 10 μ m to 2 mils.
- the substrate comprises a ceramic material.
- 102. (currently amended) The package of claim 96 further comprising an insulating layer in each opening.
 wherein the substrate comprises a glass filled resin.